

## **CLAIM OR CLAIMS**

What I claim as my invention is:

A pipe segment comprising:

a pipe having a pair of ends;

a rotating back up flange is placed over an end of said pipe;

a socket stub end placed on the said end of said pipe and affixed to said pipe;

a liner, received within said pipe, having a liner flare extending radially outward and positioned in overlapping relation with said socket stub end face forming a gasket; and

said socket stub end having at least one predetermined vent hole having an inlet opening located behind said socket and an outlet opening located behind said stub end, whereby permeated gases trapped between said pipe and said liner can be vented through at least one defined vent hole.

## **ABSTRACT OF THE DISCLOSURE**

The subject invention provides a means of flanging a plastic lined steel pipe in a field fabrication environment by either threading or welding the flange adapter to the pipe housing, employing a rotating back up flange for easy bolt hole alignment during assembly, and providing a vent path for permeating gases trapped between the plastic liner and the pipe housing to escape.

## **DRAWINGS (WHEN NECESSARY)**

Attached

## **OATH OR DECLARATION**

Attached

## **SEQUENCE LISTING (WHEN NECESSARY)**

Not Applicable